

Figure 1.

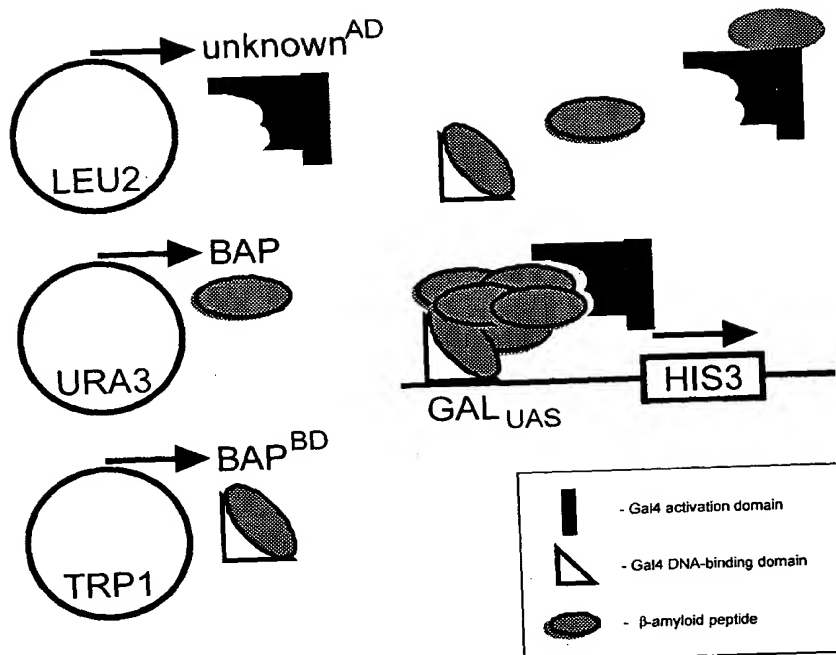


Figure 2.

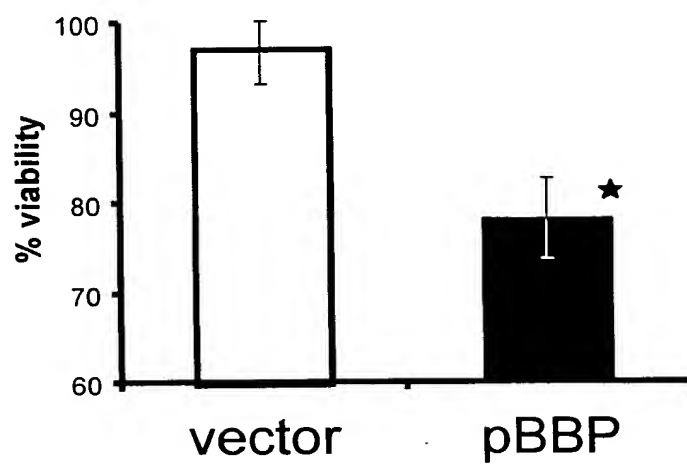


Figure 3.

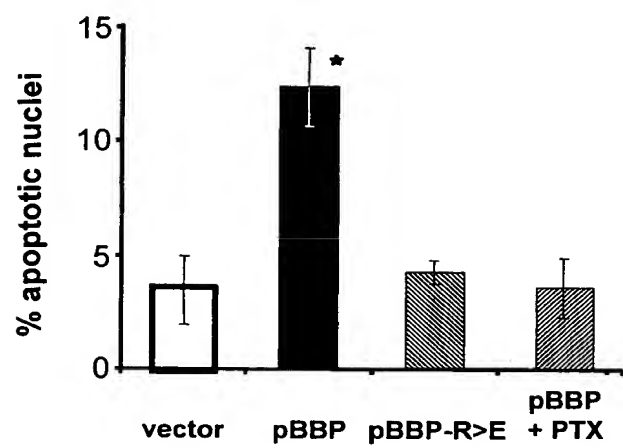


Figure 4.

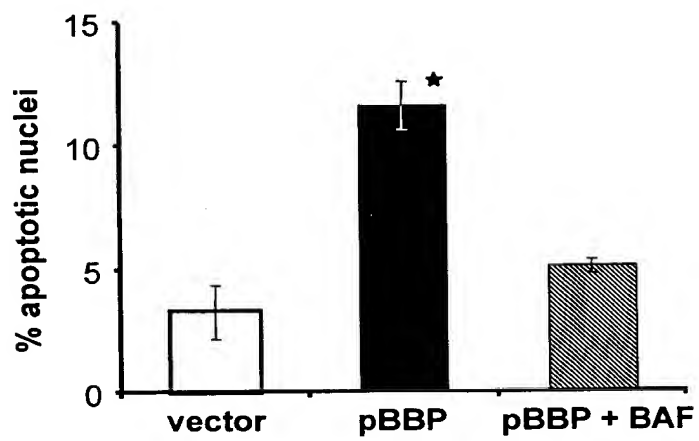


Figure 5.

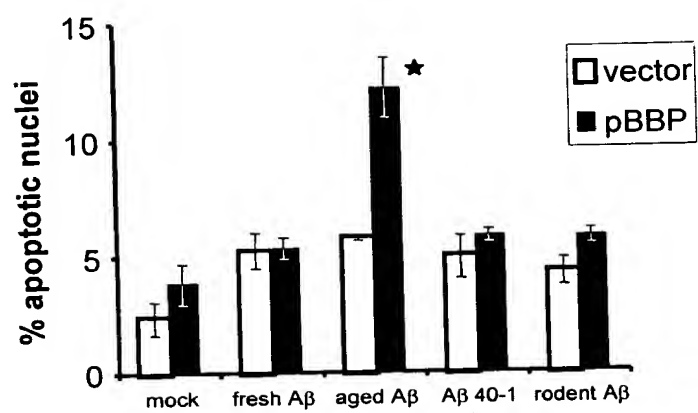


Figure 6.

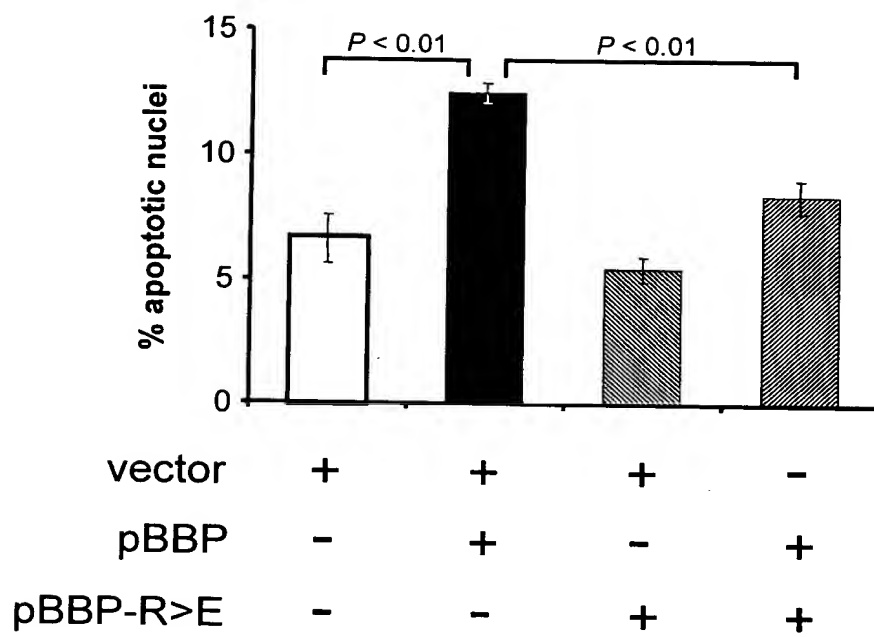
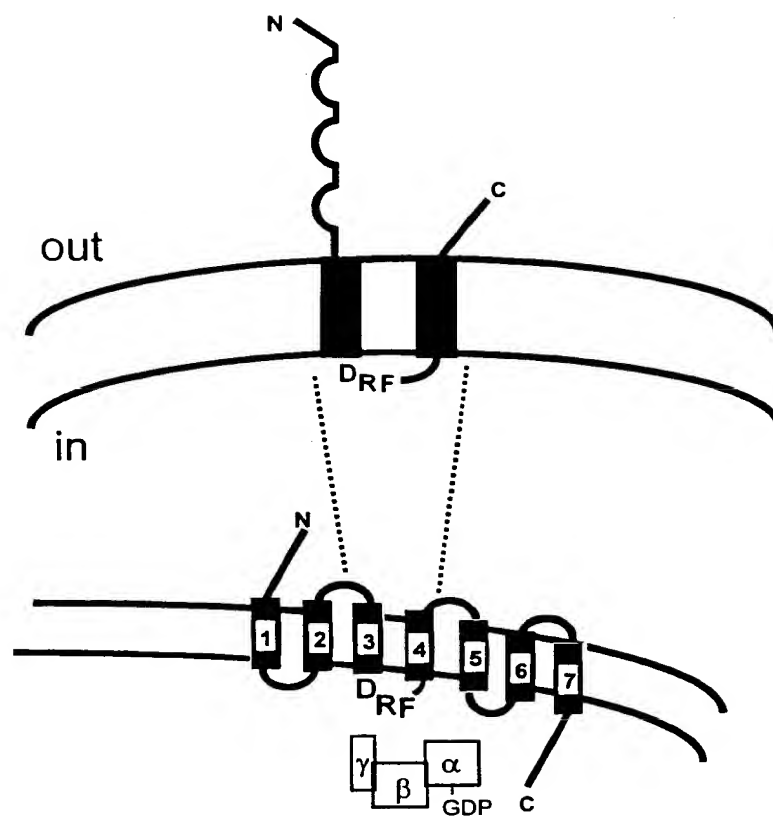
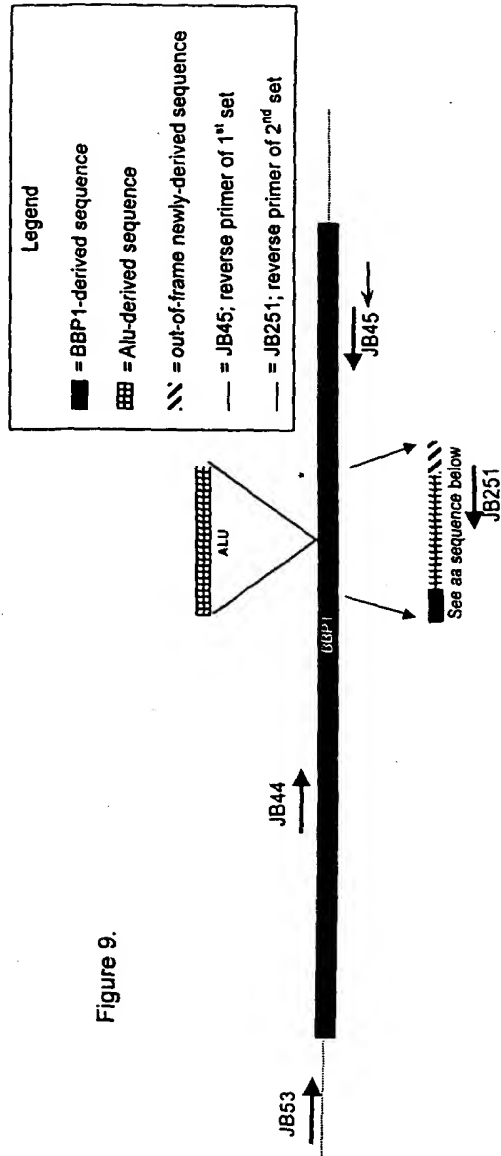


Figure 8.





217 G F C G I G S L I D F I L I S M Q r q g l
GGGTTTGTGGATTGGAGCCTAATTGATTTCAATTCATTTCATGCGAG agacagggctctt
a l l p r l e c s g v i i t h c s l e f l g
gctctgttgcgccaggctggagtgagtgagtgatcataactcattgcagcctcgaattcctgg
s n n l p a s a s h p v w d i l k d c w t
gttcaaaacaattctctgcctcagcctccatccagatgggatatatttttaaaag ATTGTTGGA
f r w k *
CCTTCAGATGGAAGTAGTTACATTATAGATTACTATGGAACCCAGACTTACAGACTGAGTATTAC
TAATGAACACTTTAGAAAAACGCAATTATATCCATAA

Figure 10.

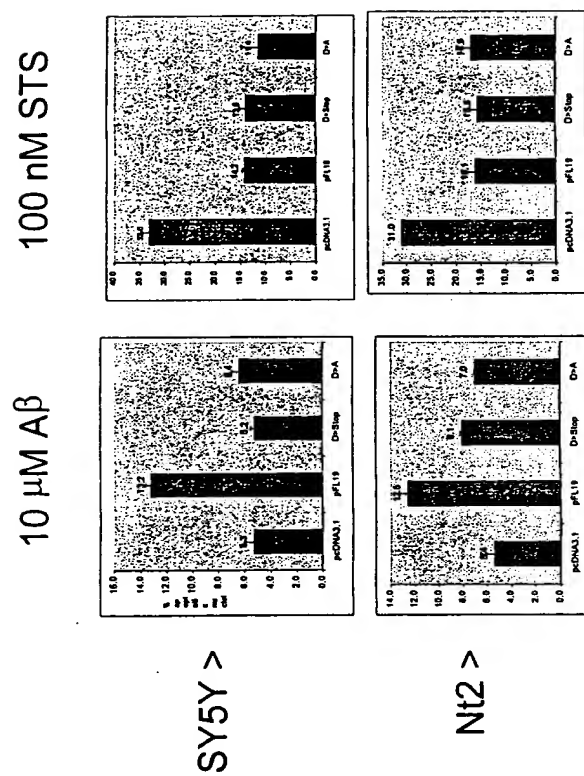


Figure 11.

1AGCGGTGAAGCACCCTGATTGCCTAAACCACCTCGTTTCCTTCCTCCAGCACTCAAAGATTAACTTAGCTCC
 TTCCAAGGTTTCGTGGGGGAAAATTCCGCTCGAGGGACTGGGTACATGATATTTTAAAGGGTCTCCCAATG
 TGATTCACGGGCTCACGGGAGAGAAACACGGAGAGACGGAACTGGCCCTCTATCCTATGCGAGGTCCCTT
 TAAGAACCTCGCCCTGTGTGCCCTTCTCCCTCCGCTCTCGGCGAGGCGGAAGTGGCGAGAAAGTG
 TCGGTCTCCAAGATGGCGGCGGCTGGCCGTCTGGTCCGTCTGCTCCGAGGCGGTGACGCCAGACTCGTTG
 GTGTCTGTGTTGTTCTCTCAGTCACTACAGGACCTCGGGGGCTGTGCGACCTCCCGGGGGCGAGAGTC
 GCTTAGTGCAGGACCTCAAAGTGGACA<1, 2>ATAATTTTGTAAAGATCCAAAATAAATGACGCTACGC
 AAGAACCAAGTTAACTGTACAACTACACAGCTCATG<2, 3>TTTCCTGTTTCCAGCACCCCAACATAACTTGT
 AAGGATTCAGTGGCAATGAACACACATTTTACTGGGAACGAAGTTGGTTTTTCAAGCCCATATCTTGGCGAA
 ATG<3, 4>TAAATGGCTATTCTACAAAGTGGCAGTCGCATTGTCTCTTTTCTTGGATGGTTGGAGCAGAT
 CGATTTTACCTTGGATACCTGCTTTGG<4, 5>GTTTGTAAAGTTTGCACCTGTAGGGTTTGTGGAATTGG
 GAGCCTAAATTGATTTCATCTTATTTCAATGCAG<5, 6>ATTGTGGACCTTCAGATGGAAAGTAGTTACATTA
 TAGATTACTATGGAAACAGACTTACAAGCTGAGTATTACTAATGAACAATTTAGAAAAACGCAATTATATCC
 ATAAATATTTTAG<6, 7>AAGAAACAGATTTGAGCCCTCCTTGATTTTAAATAGAGAACTTCTAGTGTATGGAT
 TTAAGATTTCTCTTTTCATTCATATACCATTTTATGAGTCTGTATATAATTTTGTGGTTTTTGTGTTGTTG
 AGTTAAAGTATGTTATGTGAGATTTATTTAATAGGACTTCCTTTGAAGCTGTATAATAGTGTTCCTCGGGC
 TTCTGTCTATAGAGATAGCTTATCTCTGATCTCTTTAATCTTTTACAAGCAAGTTGCCACTTGTGTC
 ATTTTGTTCGAAAAATAAAGTATAACTTATTC-1246

Figure 12

Deletion of BBP1 exons 1-4 (BBP1 KO)

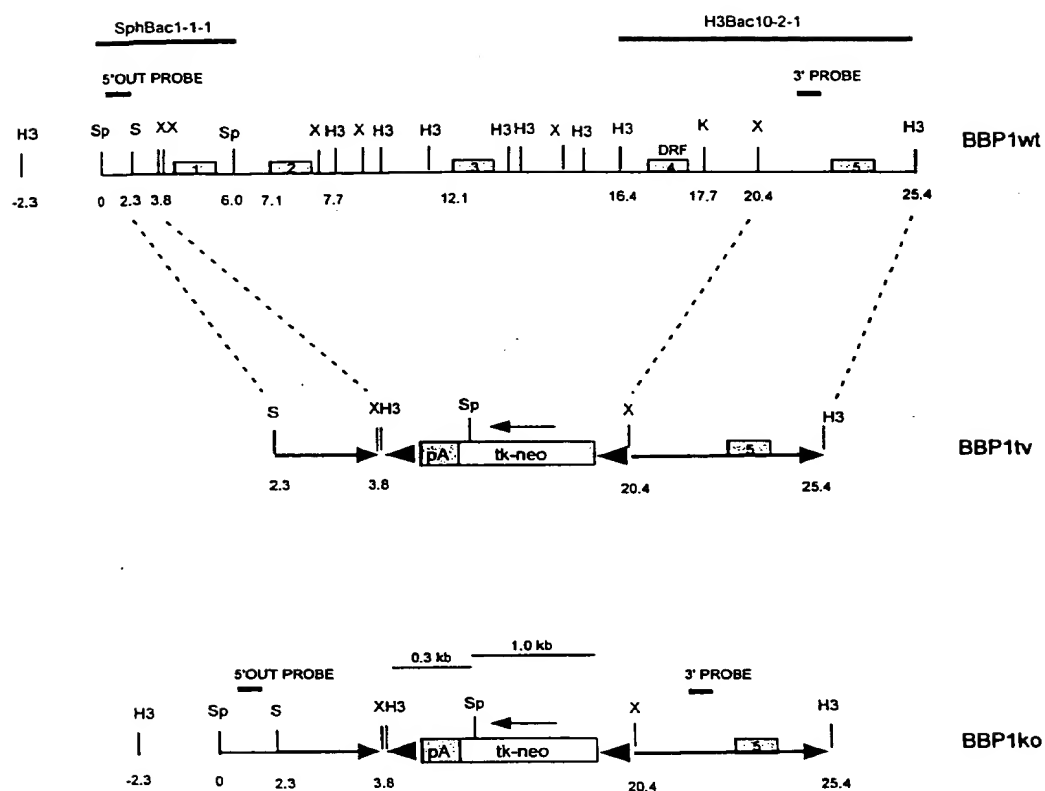


Figure 13.

